APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Ultraviolet Absorption Spectra of Mixtures of Nucleotides and Amino-Acids, by A. A. Ferkhmin USSR.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 5, 1948, pp 945-947.

DSIR Lending Library Unit M. 186

Sci - Phys
Apr 59

85,861

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DAN Vol 54, # 6 (1947)

Influence of External Friction on Formation of Shock Waves in Cylindrical Tubes

E. V. Stupechenko

In process AMC
(Recom - June 51)

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DAN SSSR, LIX, No. 6, 1105-7, 21. Feb. 1948

Ya. I. Ol'shanskiy, New Method of Experimental Work at High Temperatures

Proj - 7582

DEC 12 1950

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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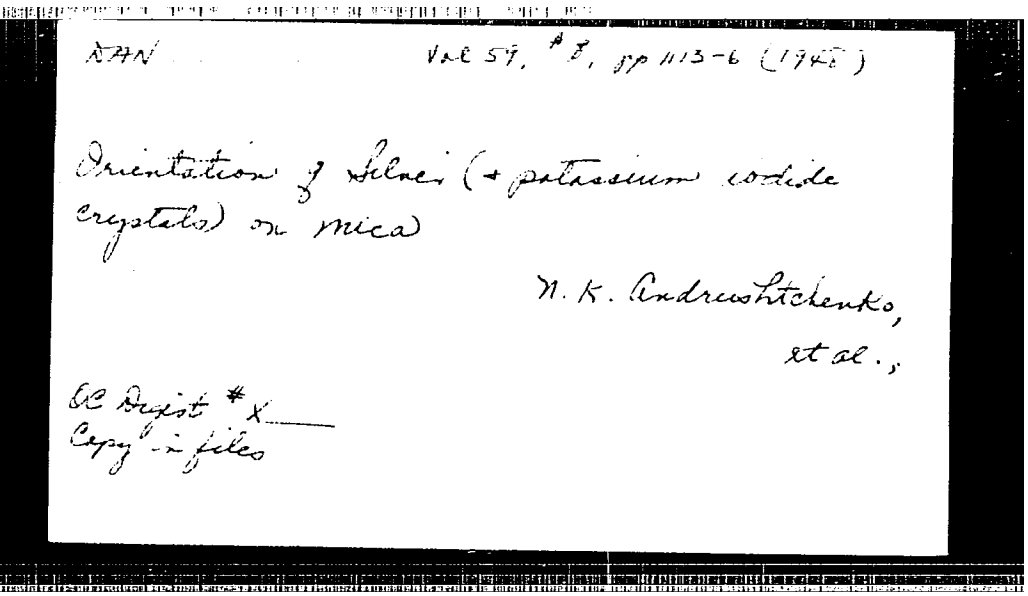

DAN Vol 57, #3, pp 1113-6 (1947)

Orientation of halides (+ potassium iodide crystals) on mica

N. K. Andrushtchenko, et al.,

GE Depot #X____
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The Effect of Various Cations on the Course of the Anodic Process in the Electrolysis of Their Chlorides, by N. A. Izgaryshev, M. C. Khachaturyan.

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ATS RJ-1282

Sci - Chem
Apr 60

114,562

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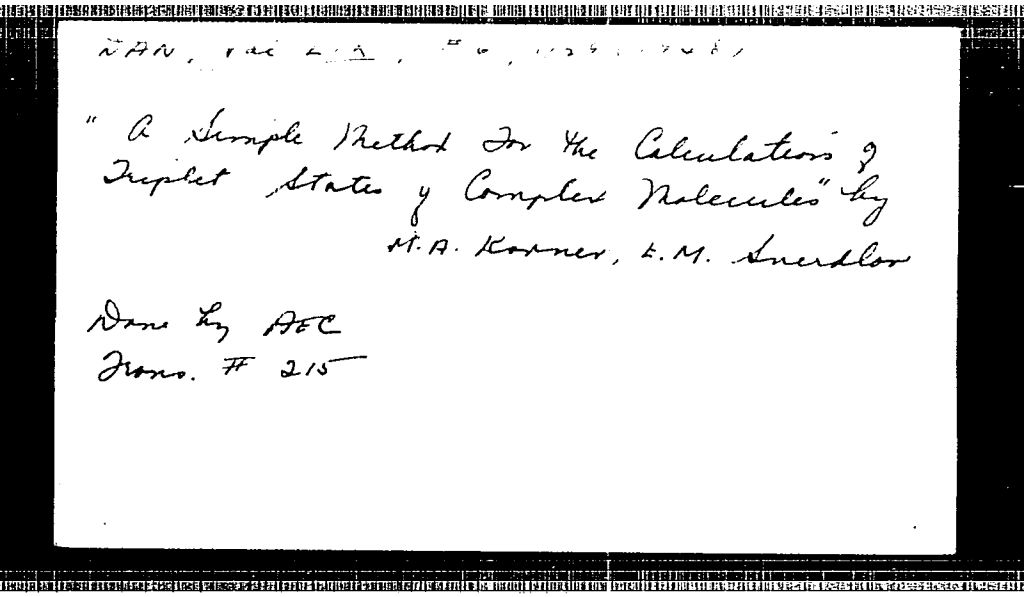

" A Simple Method for the Calculation of Triplet States of Complex Molecules" by M. A. Kovner, L. M. Sverdlov

Done by AEC
Trans. # 215

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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Phenomena Related to the Cooling of Some Reacting Mixtures, by N. M. Emanuel,

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol LIX, 1948, pp 1137-1140.

MK
NLL M.3381

Sci - Chem

186,698

Feb 62

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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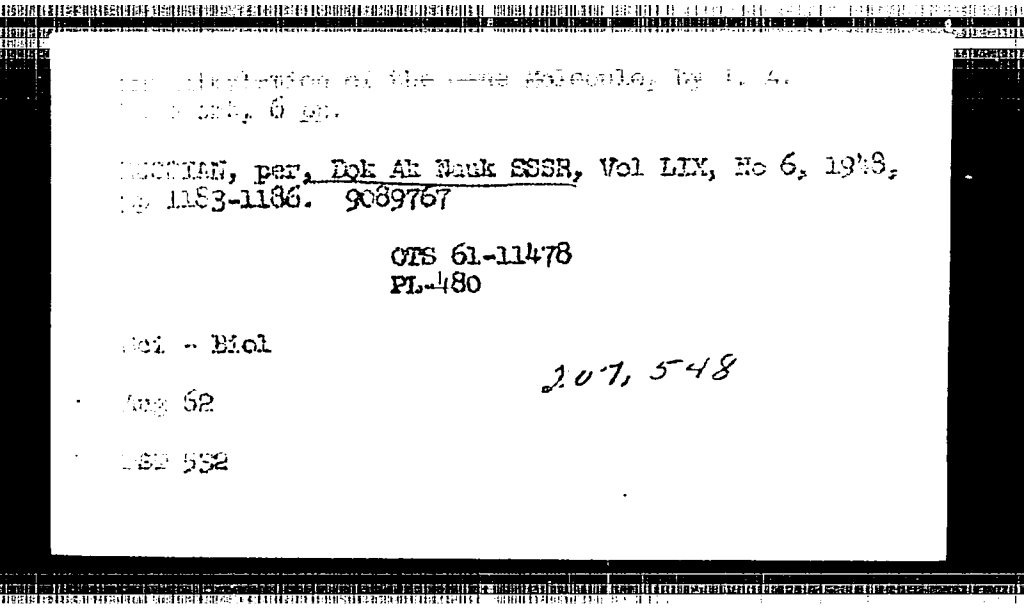

...ation of the ... mosaic, by I. A. ...
... 6 pp.

...SSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 6, 19..,
... 1183-1186. 9089767

OTS 61-11478
PL-480

...ol - Biol

Aug 62

...62 552

207, 548

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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The Specificity of the Action of the Optical Isomers of Acrichine on Species of Molluska With Tests Having Both Dextral and Sinistral Coiling of the Spires, by V. V. Al'patov, O. K. Nastyukova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 6, 1948, pp 1221-1224.

ATS-35137R

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OTS, Vol III, No 8

Apr 61

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DOK AKAD NAUK SSSR, NOVA SER Vol LIX, No 7 1 Mar 48

3 1/2 PP

"Synthesis of Substituted Benzylphosphine Acids and Their Esters"

B. P. Lugovkin, B. A. Arbuzov

Trans. by Res Inform Serv
509 5th Ave, N.Y. 17
R-544

47T12

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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Dependence of Relative Quantum Yield of Luminescence of ZnO on Length of Excitation Wave, by F. I. Vergunas, F. F. Gavrilov.
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NASA TT F-10,390

Sci-Phys
Jan 67 316,496

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DOK AKAD NAUK SSSR, NOVA SER Vol LIX, No 7 1 Mar 48

pp 1281-1282 "2 pp

"Effect of Diffusion of the Second Order on Brightness of the Crepuscle at the Zenith"

N. M. Shtaude

NRL Translation 220

47T47

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DOK AKAD NAUK SSSR, NOV SER Vol LIX, No 7 1 Mar 48

2 1/2 pp

"Effect of Multiple Diffusion of Light on Brightness of the Crepuscular Sky"

G. V. Rozenberg, I. A. Khvostikov,
F. F. Yudalevich

NRL Trans 221

47T48

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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A New Method of Synthesis of Phenylthiophenes and Their Homologues, by A. S. Broun, M. G. Voronkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 7, 1948, pp 1293-1296.

Res Info Sv R.586

Sci - Chemistry
Jan 1956/CTS No 77

30,543

53 Nassau St., New York 5, N.Y.

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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Aluminum Silicates and the Conversion of Ketones;
by A. Ia. Larin, A. V. Frost.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX,
No 7, 1948, pp 1297-1300.

Res Info Sv R.587

Sci - Chemistry
Jan 1956/CTS No 77

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The Synthesis of Benzylphosphenic Acid Substitutes and Their Ethers, by B. P. Lugovkin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LIX, No 7, 1948, pp 1301-1304.

Research Information Service
R-594
54 30,108

Scientific - Chemistry Jan 56 CTS/DEX

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Chromium Catalysts in ~~EM~~ Diallyl Aromatisation,
by A. F. Plate, M. I. Batuev.

RUSSIAN, per, Dok Ak ~~NNK~~ Nauk SSSR, Vol LIX,
No 7, 1948, pp 1305-1308. CIA D 151398

Res Info Sv R.545

Sci - Chemistry
Jan 1956/CTS No 77 30,5-29

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Hysteresis in Recrystallization, by N. N. Sirota.

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Res Info Sv R.546
53 Nassau St
NY

Scientific- Chemistry

Feb 56 31,081

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Kinetics of Oxidation of Silver by Molecular Oxygen in Gaseous Electric Discharge, by V. V. Lyapkin, P. D. Dankov, 6 pp.

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AEC 3409

Sci - Phys

Dec 58

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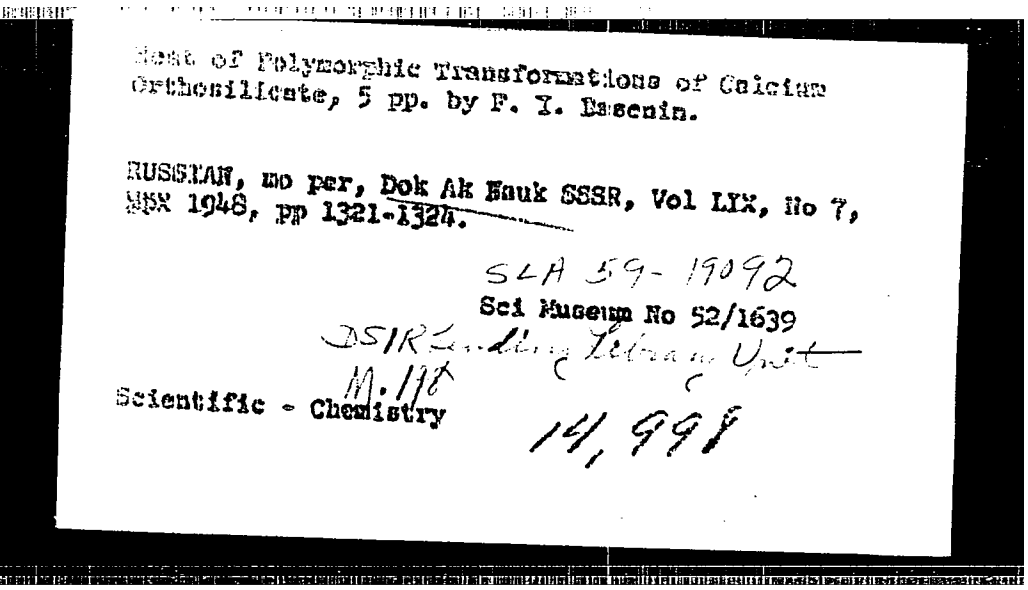

Heat of Polymorphic Transformations of Calcium Orthosilicate, 5 pp. by F. I. Bascnin.

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SLA 59-19092

Sci Museum No 52/1639

DSIR Building Research Unit

M.118

Scientific - Chemistry

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Il'in, G. S.
SYNTHESIS OF ALKALOIDS ON ISOLATED GRAFTS OF TOBACCO. [1964] 11p
Order from K-H $6.60 K-H-1592

Trans. of Akademiya Nauk SSSR, Doklady, 1948, v. 59, no. 7, p. 1325-1328.

(Biological Sciences--Biochemistry, TT, v. 12, no. 1)

TT-64-12892

I. Il'in, G. S.
II. K-H-1592
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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DOK AKAD NAUK SSSR, NOVA SER Vol LIX, No 8 Mar 1948

4 pp

"Operational Cycles of Horizontally and Vertically Acting Tabulators"

I. Ye. Akushskiy

Will be done by RDB by phone
1 Mar 1949. Copy in files
(see also 51T367)

47T49

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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On the Theory of Branching Random Processes, by B. A. Sevastyanov, 4 pp.

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T3870
P2212.9T

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Dok Ak Nauk SSSR Vol 59 no 9 1547-9 1948

Dobretsov, L. N.

Breakdown in gases of different dielectric strengths.

Avail at BNL AEC tr 463 29 June 1951

Sci Mic hr 13 30 / 3.329

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Certain Tabulator Operation Cycles Connected With Representation of Numbers of Twofold System, by I. Ya. Akushskiy, 13 pp.

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CIA/FDD/X-1245

Sci Trans Center RT-202

Done by RDB
Scientific - Mathematics

Feb 54 CTS

9839

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Tolstoi, N. A.
ON THE THEORY OF FLOW BIREFRINGENCE
(K Teorii Dvoinogo Lucheprelomleniya v Poroke).
[1962] [12]p. (foreign text included) 7 refs.
Order from OTS or SLA $1.60 62-16214

Trans. of Akademiya Nauk SSSR. Doklady, 1948,
v. 59, no. 9, p. 1563-1566.
Another trans. is available in Dutch from OTS or ETC
$1.55 as 61-17954, MTWL-318, 3p.

DESCRIPTORS: *Refractive properties, *Fluid flow,
Theory.

(Mechanics--Hydrodynamics, TT, v. 8, no. 5)

62-16214

I. Tolstoi, N. A.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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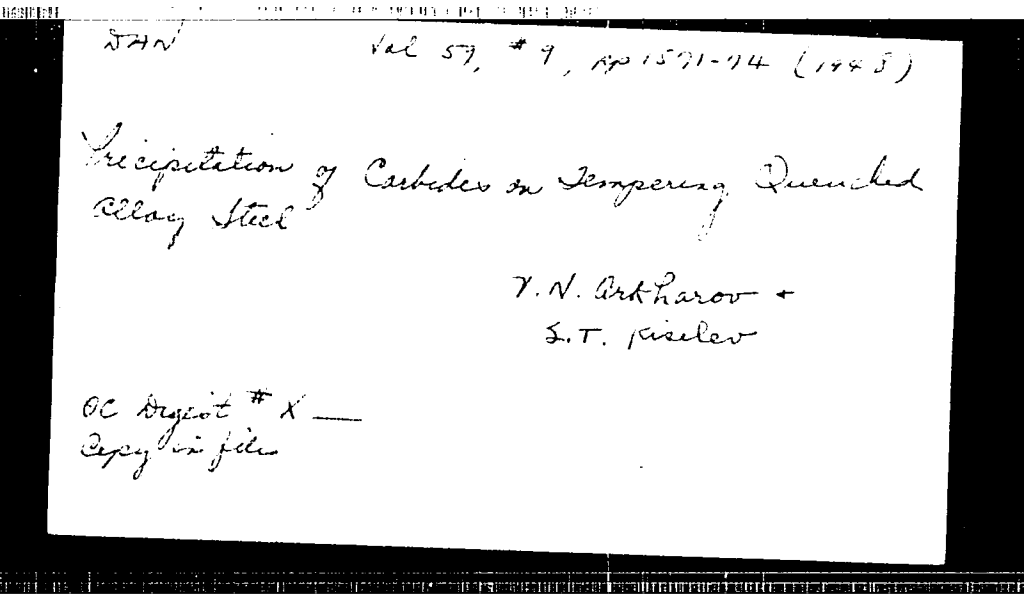

DAN

Vol 57, # 9, pp 1571-74 (1965)

Precipitation of Carbides on Tempering Quenched Alloy Steel

V. N. Arkharov
L. T. Pisarev

OC Project # X ___
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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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Transformation of Contact Relay Systems of Class H (n), by M. A. Gavrilov, 5 pp.

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Assoc Tech Serv

Sci

Aug 58

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Growth Substances as a Possible Means of Controlling the Drop of Cotton Bolls, by IU. V. Rakitin, and K. E. Obnrov.

RUSSIAN, Akad. Nauk SSSR, Dok. 59: 1665-1668, March 21, 1948, 511 P444A.

USDA Tr No 32

Scientific - Biology, growth substances
USSR
Economic - Agriculture, growth substances

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New Methods of Computation of Sums of Products by Means of Tabulators, Exppx I. Ya. Akushskiy, 8 pp.

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Sci Tr Center RT-252

Scientific - Mathematics

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DOK AKAD NAUK SSSR, NOVA SER Vol LX No 1 Apr 1948

"A New Absorption Zone in Alkaline-Haloid Phosphors Activated by Thallium" 4 pp.

O. V. Fialkovskaya

Done by NRL
Tr. 160 NRL 293

KT-846

63T103

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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DOK AKAD NAUK SSSR, NOVA SER Vol LX, No 1 Apr 1948

"Computation of the Speed of the Transformation of Sheet Pearlite in Austenite of Eutectoid Steel During Electric Heating" 4 pp.

N. M. Rodigin

In process
Navy Trans. 972 NRL 323
(January 1951)

63T59

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DOK AKAD NAUK SSSR, NOVA SER Vol LX, No 1 Apr 1948

"General Equation for the Kinetics of Chemical Reactions in Gases" 4 pp

L. I. Sedov

Done by Sci Museum Lit
G.B. 50/1023

63T18

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DOK AKAD NAUK SSSR, NOVA SER Vol LX, No 1 Apr 1948

"Rapid Method of Simultaneous Microdetermination of Carbon, Hydrogen, Haloids or Sulfur in Organic Compounds" 2 1/2 pp.

M. O. Korshun, N. S. Sheveleva

Trans. by Res. Inform Ser
509-5 AR N. Y. 17
R-552

63T19

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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The Synthesis of Vinylpropylarigy Alcohol, by I. M. Gverdtsiteli.

RUSSIAN, per, 3 x mo, Dok Aka Nauk SSSR, Vol LX, No 1, 1948, pp 57-58.

Res Info Serv R.550
53 Nassau Street,
New York 5, N. Y.

32,079

Sci - Chemistry

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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The Influence of Halide Substitutes for Ethylene on Butadience and Anthracene, by V. M. Zoroastrova, B. A. Arbuzov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 1, 1948, pp 59-61.

OTS 61-17303
Res Info Sv R.551
53 Nassau St
NY

Scientific - Chemistry

31,062

Feb 56

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A New Method for Simultaneous Micro-Determination of the Carbon, Oxygen, Halogen or Sulfur Content in Organic Compounds., by M. O. Korshun, N. S. Sheveleva, trans 9 pp.

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AEC-tr-1797

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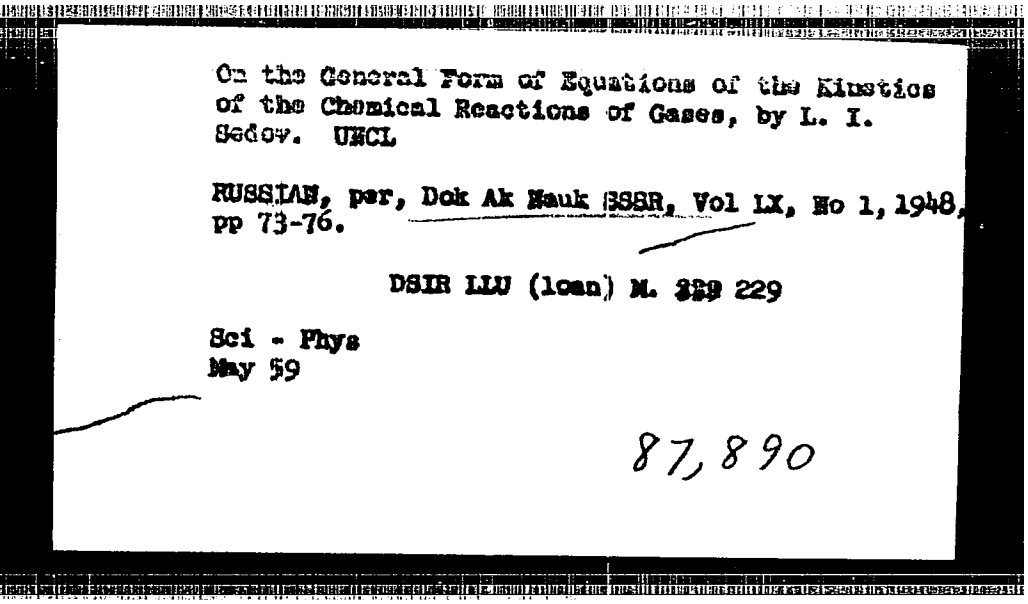

On the General Form of Equations of the Kinetics of the Chemical Reactions of Gases, by L. I. Sedov. UKCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 1, 1948, pp 73-76.

DSIR LLU (loan) M. 339 229

Sci - Phys
May 59

87,890

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On the Antigenic Properties of Action of Cross-Striated Musculature and on Certain Characteristics of Contractile Proteins of the Smooth Muscles, by I. I. Ivanov, E. G. Kiseleva, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 1, 1948, pp 81-84. CIA 9008105

NIH 3-28

Sci - Biology
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Investigations Concerning the Behavior of Chromatin Material in Cytoplasm of Nerve Cells With the Help of Ultraviolet Microscope, by E. P. Mosseyev, A. A. Perchmin, 6 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol LX, 1948, pp 123-126.

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Sci - Med
Dec5d

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(FDD 27167)

Solution of the Problems of Diffraction of a Plane Electromagnetic Wave From a Paraboloid of Revolution of Infinite Dimensions by Means of Lagueere Functions, by R. G. Mirimanov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 2, Moscow, 1948, pp 203-206.

S.L.A. R-220

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Sci - Electronics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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The Moment of a Two-Photon System, by L. D. Landau, 5 pp.

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Sci Trans Center RT-865

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Three-Photon Annihilation of Electrons and Positrons, by E. M. Lifshits, 3 pp.

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Sci Trans Center RT-866

Scientific - Nuclear Physics
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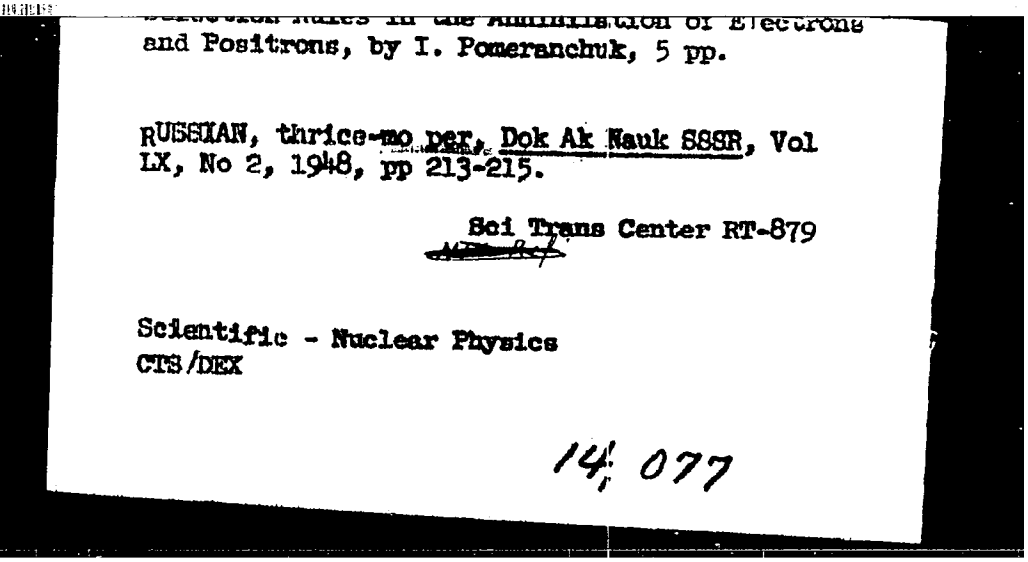
APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3



Selection Rules in the Annihilation of Electrons and Positrons, by I. Pomeranchuk, 5 pp.

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Sci Trans Center RT-879

Scientific - Nuclear Physics
CTS/DEX

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A Possibility for Increasing the Depth of Modulation in the Kerr Effect, by N. A. Tolstoy, P. P. Feofilov, 6 pp.

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Scientific - Physics
CTS/DEK

14,391

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

New Synthesis of Hydrocarbons Involving Carbon Monoxide, by N. D. Zelinskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 2, 1948, USSR, pp 235-237.

Assoc Tech Div RJ-60

Sci - Chemistry $5.60 (0.90)

Aug 54

17,130

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

The Mechanism of Bisulfite Reactions, by V. N. Ufimtsev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 2, 1948, pp 239-241.

Res Info Sv R.555

Sci - Chemistry
Jan 1956/CTS No 77

30, 5-92

53 Nassau St., New York 5, NEW N.Y.

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Tentative Calculation of Solubility of Calcium Sulfate in Aqueous Salt Solutions, by E. B. Shternina

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 2, 1948, pp 247-250.

Brutcher Tr 3124

ATI/RT-3790

Scientific - Chemistry
Jul CTS/DEK

Price $3.60

15,959

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

The Flow of Coastal Detritus Along the Caucasian Shore of the Black Sea, by V. P. Zenkovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 2, 1948, p 263-265.

Navy Tr 1574/HD-6

Sci - Geophysics

56, 031

Dec 57

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

The Kinetics of the After-glow of Crystallophosphors, by E. I. Adirovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948.

AEC Tr 197

PA 77T100

Scientific - Physics June CTS 12,889

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DOK AK NAUK SSSR Vol LX, No 3, 1948, 4 pp

"The Contraction of Lanthanides and Interatomic Distances"

E. S. Sarkisov

A.E.C. Tr 102
OC trans # X

77T98

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DOK AK NAUK SSSR Vol LX, No 3, 1948, 4 pp

"The Thermokinetic Model of Homogeneous Periodic Reactions

I. Ye. Sal'nikov

Done by Sci Mus Lit
G. B. #50/1021

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London, N.W. 1 77T16

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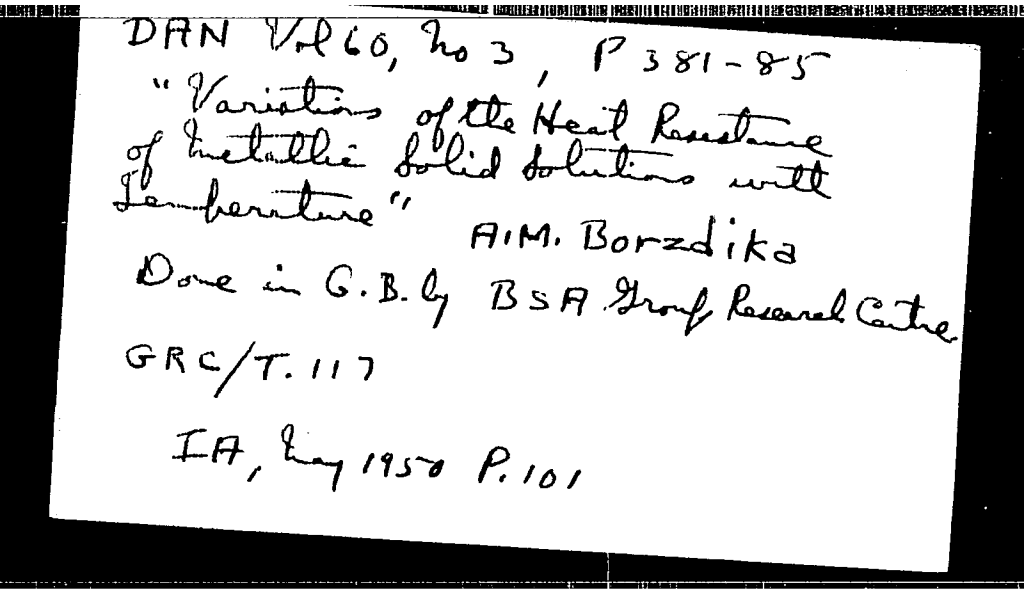

DAN Vol 60, No 3, P 381-85
"Variation of the Heat Resistance of Metallic Solid Solutions with Temperature"
A.M. Borzdika
Done in G.B. by BSA Group Research Centre
GRC/T. 117
IA, May 1950 P. 101

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Formation de Complexes de Fluorures des Metaux Alcalins Avec Les Metaux de Quatrieme Groupe, (Formation of Complexes of Alkali Mx Metal K Fluorides With Metals of the Fourth Group), by E. P. Dergunov, A. G. Bergmann, 8 pp.

RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol LX, 1948, pp 391-394.

Reverse Trans
CEA Tr-R-~~92x~~ 920

Sci
26 Apr 61

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Oxides of Tri-Isobutylene, by A. P. Meshcheryakov.

RUSSIAN, three-mo, per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948, pp 399-400.

Res Info Serv R.556
53 Nassau Street,
New York 5, N. Y.

32,047

Sci - Chemistry

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Raman Spectra of the Rotational Isomerism of 1,2 Dihalide Ethanes, by O. L. Aronov, V. M. Tatevskiy, A. V. Frost

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948, pp 387-90.

AEC Tr 369

Scientific - Physics
Mar 51 CTS

Sci Tr Center TT-178

14,017

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

A Thermo-Kinetic Model of Homogeneous Periodic Reactions, by I. E. Sal'nikov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948, pp 403-408.

SLA 59-19121

Sci
Jun 60
Vol III, No 5

119,175

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DOK AK NAUK SSSR

Vol LX, No 3, 1948, 4 pp
pp 421-427

"Reversible Photochemical Restoration of Chlorophyll by Ascorbic Acid" 4pp

A. A. Krasnovskiy

AEC Trans 27
List dated 20 Jan 50

RT 3708

77T9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

The Effect of Ethylene Oxide, Glycide and Glycols in Genic Mutation, by I. A. Rapoport,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948, pp 469-472. 9089754

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~~664~~
X-1 Sci Mus Lib 50/2217

PL 450.

Scientific - Biology
CTS/DEX

OTS-61-11479
PST 533

14,050

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

New Species of Mites of the Genus Tyrophagus Ouds., 1923, by V. I. Volgin, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948, pp 509-511.

Sci Museum Lib No 54/0858

Scientific - Biology

114,834

May 54 CTS

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Mechanism of Emulsion Polymerization: Polymerization of Vinyl Cyanide and Methyl Methacrylates, by P. M. Khomikovskiy, 11 p.

RUSSIAN, per, Dok Akad Nauk SSSR, 1948, Vol LX, No 4,

RIB R 560.

Sci
Apr 60
Vol III, No 3

112,083

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Maksimov, N. A and Petinov, N. S.
DETERMINATION OF THE SUCTION FORCE OF LEAVES BY THE COMPENSATION METHOD WITH THE AID OF A REFRACTOMETER (Opredelenie Sosushchei Sily List'ev Metodom Kompensatsii s Pomoshch'yu Refraktometra). [1962] 7p. 13 refs. Order from OTS or SLA $1.10 62-10906

Trans. of Akademiya Nauk SSSR. Doklady, 1948, v. 62, no. 4, p. 537-540.

DESCRIPTORS: *Plants, Physiology, Water, *Refractometers, Area suction, Diffusion, Pressure, *Evapotranspiration.

(Biological Sciences--Botany, TT, v. 8, no. 8)

62-10906

I. Maksimov, N. A.
II. Petinov, N. S.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DOK AK NAUK SSSR Vol LX, No 4, 1948, 3 pp

"On the Condensation Action of Methylene Radicals on Ethylene"

Ya. T. Eydus

AEC Tr 284
Brookhaven

Rec Info Sv
R-558

77T1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DOK AK NAUK SSSR Vol LX, No 4, 1948, 4 pp

"On the Mechanism of Emulsion Polymerization: Polymerization in Water and Soap Solutions"

P. M. Khomikovskiy

Transl by Res Infor Ser
509 - 5th Av, N.Y. 17

T.T No 49

R-557

R-560

77T2

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DOK AK NAUK SSSR Vol LX, No 4, 1948
2 pp

"Resonance Paramagnetic Absorption in Er^{+++} and Ce^{+++} Salt Solutions"

B. M. Kozyrev

NRL Trans. 205
RT-809

77T7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Anomalous Variation of the Electric Resistance of the Ni_3Mn Alloy in a Magnetic Field, by A. Komar, I. Portniagin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 569-570.

Morris D. Friedman
(will appear later as SLA)

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

The Reaction Between Sulfuric Acid and Its Simple Derivatives: A Contribution to the Theory of Sulfonation, by A. M. Lukin. #

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 591-594.

Res Info Sv R.557
53 Nassau St
New York

Scientific - Chemistry

31,046

Feb 56

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Photochemical Properties of Methane Sensitized by Mercury: A Study of Intermediate Products, by A. B. Kalbandian.

RUSSIAN, per, Dok Ak Nauk [redacted] SSSR, Vol LX, No 4, 1948, pp 607-610.

Res Info Sv R-559

Sci - Chemistry
Jan 1956/CTS No 77

30,535

53 Nassau St., New York 5, N.Y.

1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Interpretation of Critical Conditions in Chemical Kinetics, by I. N. Sal'nikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. LX, No 4, 1948, pp 611-613.

SLA 59-19122

119,176

Sci
Jun 60
Vol III, No 5

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Regularities in Disintegration of the Coloring Centers in the Smoky Quartz Crystals, by N. A. Vedeneyeva, L. G. Chentsova, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 649-652.

SLA R-1205

May 58

63,941

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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Quenching of Fluorescence of Magnesium Tetrabenzporphine and Chlorophyll [illegible] by Foreign Molecules, by V. B. Evstigneyev, A. A. Krasnovskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 623-626.

36,102
Sci Tr Center RT-3705

Scientific - Chemistry

AEC-2156

Jun 56/dex

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Investigation of Gypsum of the Stalinogorsk Gypsum Deposit, by P. P. Budnikov.

RUSSIAN, par, Dok AN Nauk SSSR, Vol 60, No 4, 1948, pp 635-636.
See Watford: Building Research Station. Building Research Library. Con No 462.

Sci Museum Lib No 50/3264 - London

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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The adsorption and Reaction Properties of Oxygen and the Surface Properties of Gold, Silver and Copper, by I. N. Plaksin, S. V. Bessonov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 637-639.

Res Info Sv R.561

30,536

Sci - Chemistry
Jan 1956/CTS No 77

53 Nassau St., New York 5, N.Y.

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

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DOK AK NAUK SSSR Vol LX, No 5, 1948, 2 pp

"Duration of the Initial Process of Luminescence of Phosphorous Compounds"

M.D. Galanin

RT- 848

NRL Translation
No. 199

68T99

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Contact Potential Difference Between Water and Ice, by V. I. Arabadzhi, 1 p.

RUSSIAN, thrice-mo per., Dok Ak Nauk SSSR, Vol LX, No 5, 1948, pp 811-812.

Sci Trans Center RT-58

USSR
Scientific - Geophysics

Jan 54 CTS

8687

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Dubinin, M. M. and Timofeev, D. P.
CALCULATION OF ADSORPTION ISOTHERMS OF VAPORS ON ACTIVE CARBONS. [1963] [6p] 10refs
Order from OTS, SLA, or BTC $1.10 TT-63-20792

Trans. of Akademiya Nauk SSSR, Doklady, 1948, v. 60, no. 5, p. 821-824.

DESCRIPTORS: *Activated carbon, Vapors, *Adsorption, Thermodynamics, Equations.

(Chemistry--Physical, TT, v. 11, no. 3)

TT-63-20792

I. Dubinin, M. M.
II. Timofeev, D. P.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

The Hydrogen Bond and Proton Transfer Processes, by N. D. Sokolov, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LX, No 5, 1948, pp 825-828.

Sci Tr Center RT-2774

29,427

Scientific - Physcis
Dec 55 CTS/DEX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Isolation of Crystalline Proteins of a New Type (procollagen) From Various Organs of Vertebrates, by V. N. Orekhovich, A. A. Tustanovskii and N. E. Plotnikova, UNCLASSIFIED

RUSSIAN, Dok Ak Nauk SSSR, 1948, Vol 60, No 5, pp 837-839.

Sci Mus Lib No 52/3111

Scientific - Biology

29 November 1952

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Effect of Bottom Topography on the Direction of the Transport of Water Set up by the Wind of the Mass-Field in a Nonhomogeneous Ocean, by V. B. Shtokman.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 5, 1948, pp 809-812.

AEC Tr 1461

Scientific - Geophysics, Nonhomogeneous ocean

Dec 52 CTS/DEX

Ocean V.5.1.4-25 - DAB 75/18

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

The Flowering of Cabbage During the First Year of Growth When Grafted on Spring Rape, by S. Ya. Krayevoy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 5, 1948, pp 909-912.

SLA 60-18002

Sci
Feb 62
Vol 4, No 9

184,689

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

DAN Vol 60, p 985-87, 1948.

"Significance of Wind and Relief of the Bottom on the Formation of Observed Features of the Dynamic Topography of the South Atlantic Ocean" V.B. Shtokman

Available at NRL

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Changes of the Spectral Properties of Structural Proteins of Muscle in Presence of ATP, Khv Kh. M. Ravikovich, O. N. Setkina, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 6, 1948, pp 989-992.

SLA 60-13714

Sci
Vol IV, No 11
May 62

197, 961

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

The Reaction of Diene Hydrocarbons With Nitro Compounds: The Addition of Butadiene-1,3 on Nitrosobenzene, by Yu. A. Arbuzov

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 6, 1948, pp 993-996.

Res Info Sv R. 537
53 Nassau St
New York

Scientific - Chemistry 31,036
Feb 56

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Research on the Reaction of Phosphorous Thioesters With Alkyl and Acyl Halides, by A. F. Divinskiy, M. I. Kabachnik, V.V. Sidorenko.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 6, 1948, pp 999-1002.

Res Info Sv R.538
53 Nassau St
N.Y.

Scientific - Chemistry 31,051

Feb 56

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

On the Synthesis of [illegible] by the Favorskiy-Babaian Reaction, by A. D. Petrov, E. V. Mitrofanova.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 6, 1948, pp 1003-1004.

Res Info Sv R.539
53 Nassau St
NY

Scientific - Chemistry

Feb 56 31,078

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Dissociation of Periodic Acid at Various Temperatures,
M. F. Ivanova, M. B. Neiman.

DSSIAM, thrice mo per, Dok Ak Nauk SSSR, Vol LX,
No 6, 1948, pp 1005-1008.

Res Info Sv R.540

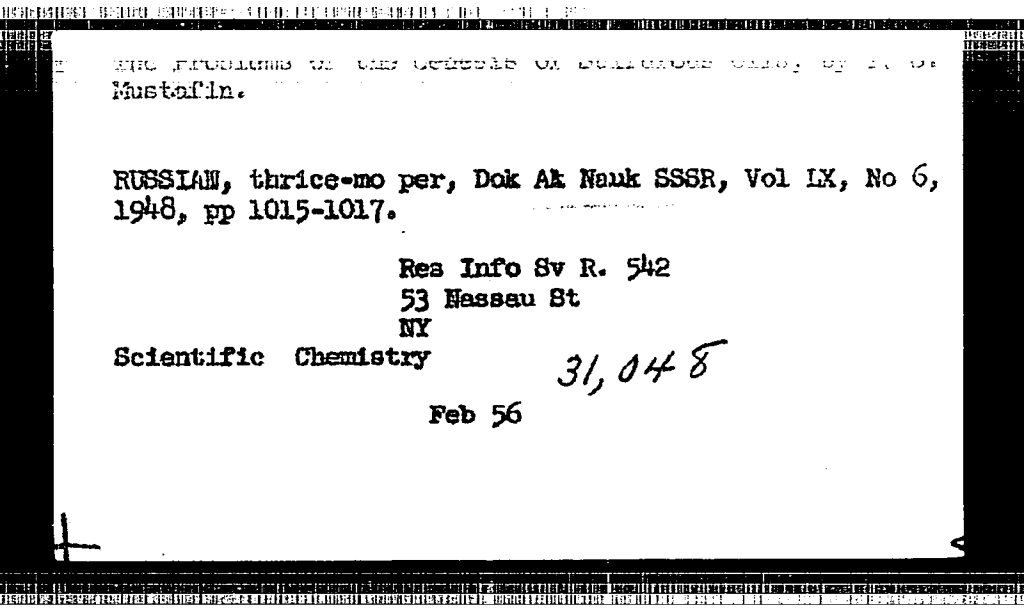
Scientific - Chemistry

38,055

Feb 56

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3



Mustafin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 6, 1948, pp 1015-1017.

Res Info Sv R. 542
53 Nassau St
NY

Scientific Chemistry

31,048

Feb 56

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Tsinzerling, E. V.
INVESTIGATION OF THE HARDNESS AND FRAGILITY OF QUARTZES OF GRANULAR AND SECTORIAL COMPOSITION BY IMPRESSION METHOD. [1962] 6p. 3 refs.
Order from OTS or SLA $1.10 62-16426

Trans. of Akademiya Nauk SSSR. Doklady, 1948, v. 60, no. 6, p. 1033-1036.

DESCRIPTORS: *Quartz crystals, Transformations, Hardness, Mechanical properties, Fracture (Mechanics), Crystal structure, Colors, Illumination, X-rays.

Dark-colored and similar components of quartz crystals, colored by X-rays are subjected with difficulty to the twinning process under beta passes over to alpha passes over to beta transformation; they differ by smaller micro-hardness and greater heterogeneity and fragility from the colorless and light-colored components. (Author)

62-16426

1. Title: Twinning
I. Tsinzerling, E. V.

(Physics--Solid State, TT, v. 8, no. 8)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Alterations of Spectral Properties of the Muscle-Structure Albumins in the Presence of Adenosin-Triphosphoric Acid, by Kh. M. Ravikovich, O. N. Setkina, K. D. Leont'yeva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 6, May 1948.

CIA/FDD/X-1204 4389

Scientific - Chemistry
CTS/DEX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

Formative Changes in Cotton Under the Influence of 2,4-Dichlorophenoxyacetic Acid, by Iu. V. Rakitin, K. E. Ovcharov, E. K. Nizkovskaia.

RUSSIAN, per, Dok Ak Nauk SSSR, No 60, 21 May 1948, pp 1073-1075. 511 P544A

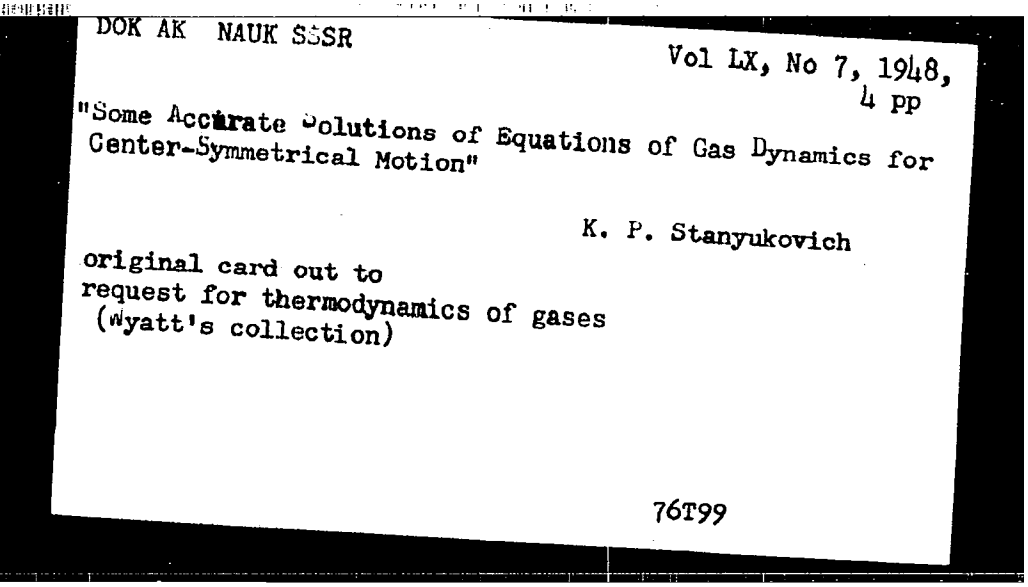
USDA Trans 272

USSR
Economic - Agriculture, herbicides
Scientific - Biology, herbicides

545

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030008-3



DOK AK NAUK SSSR

Vol LX, No 7, 1948,
4 pp

"Some Accurate Solutions of Equations of Gas Dynamics for Center-Symmetrical Motion"

K. P. Stanyukovich

original card out to
request for thermodynamics of gases
(Wyatt's collection)

76T99

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AEC Tr 2462

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Jun 56 CDS/dex

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